SEQUENCE LISTING

<110> APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.

<120> Beta-amyloid inhibitors and use thereof

<130> WO/850

<160> 11

<170> PatentIn version 3.1

<210> 1
<211> 7
<212> PRT
<213> synthetic construct

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X can be absent or is an acetyl group

<220>
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<222> (2)..(2)
<223> X is the following fragment [Lys X_2 X_3 Phe Gln]m wherein X_2 is selected from Ile and Leu and X_3 is selected from Pro and Trp. m is an integer selected from 0 and 1.

<220>
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<222> (6)..(6)
<223> X is the following fragment [Lys X_4 Pro Phe Gln]n wherein X_4 is selected from Ile and Leu. n is an integer selected from 1 and 2.

<220>
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<222> (7)..(7)
<223> X is a peptidic moiety of a length selected from 1, 2, 3, 4, 5, 6, 7 and 8 and containing at least one basic amino acid and which is amidated at the C-terminus

<400> 1

Xaa Xaa Arg Gln Ile Xaa Xaa
1   5

<210> 2
<211> 8
<212> PRT
<213> synthetic construct

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<220>
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<223>  X is selected from Arg and Lys.


<220>
<221>  MISC_FEATURE
<222>  (3)..(3)
<223>  X is selected from Arg and Lys.


<220>
<221>  MISC_FEATURE
<222>  (5)..(5)
<223>  X is selected from Arg and Lys.


<220>
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<222>  (7)..(7)
<223>  X is selected from Arg and Lys.


<220>
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<222>  (8)..(8)
<223>  X is selected from amidated Arg and amidated Lys.


<400>  2

Asn Xaa Xaa Met Xaa Trp Xaa Xaa
1               5


<210>  3
<211>  7
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<220>
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<223>  X can be absent or is an acetyl group


<220>
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<223>  X is the following fragment [Lys X₂ X₃ Phe Gln]m wherein  X₂ is
selected from Ile and Leu and X₃ is selected from Pro and Trp. m is an
integer selected from 0 and 1.


<220>
<221>  MISC_FEATURE
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<222> (6)..(6)
<223> X is the following fragment [Lys X_4 X_5 Phe Gln]n wherein X_4 is
selected from Ile and Leu, X_5 is selected from Pro and Trp. n is an
integer selected from 1 and 2.

<220>
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<222> (7)..(7)
<223> X is a peptidic moiety of a length selected from 1, 2, 3, 4, 5,
6, 7 and 8 and containing at least one basic amino acid and which is
amidated at the C-terminus.

<400> 3

Xaa Xaa Arg Gln Ile Xaa Xaa
1   5

<210> 4
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<220>
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<222> (16)..(16)
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<400> 4

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Xaa
1   5   10   15

<210> 5
<211> 5
<212> PRT
<213> synthetic construct

<220>
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<223> X is Acetylated Leucine

<220>
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<400> 5

Xaa Pro Phe Phe Xaa

1   5

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<210>  6
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<220>
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<223>  X is amidated Aspartic Acid


<400>  6

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1               5                   10                  15

Leu Pro Phe Phe Xaa
              20


<210>  7
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<220>
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<223>  X is acetylated Arginine.


<220>
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<400>  7

Xaa Gln Ile Lys Ile Pro Phe Gln Asn Arg Arg Met Lys Trp Lys Xaa
1               5                   10                  15

<210>  8
<211>  21
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<213>  synthetic construct

<220>
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<223>  X is acetylated Arginine.
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<220>
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<223>  X is amidated Lysine.


<400>  8

Xaa Gln Ile Lys Ile Pro Phe Gln Lys Ile Pro Phe Gln Asn Arg Arg
1               5                   10                  15


Met Lys Trp Lys Xaa
              20



<210>  9
<211>  21
<212>  PRT
<213>  synthetic construct

<220>
<221>  MISC_FEATURE
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<223>  X is acetylated Lysine.


<220>
<221>  MISC_FEATURE
<222>  (21)..(21)
<223>  X is amidated Lysine.


<400>  9

Xaa Ile Trp Phe Gln Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg
1               5                   10                  15


Met Lys Trp Lys Xaa
              20



<210>  10
<211>  8
<212>  PRT
<213>  synthetic construct

<220>
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<222>  (8)..(8)
<223>  X is amidated Lysine


<400>  10
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Asn Arg Arg Met Lys Trp Lys Xaa
1               5


<210>  11
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<212>  PRT
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<400>  11

Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
1               5                   10                  15


Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
            20                  25                  30


Gly Leu Met Val Gly Gly Val Val Ile Ala
            35                  40
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